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APPLICATION NO.	FI	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/719,377 11.		11/21/2003	Thomas Jefferson Awad	OCTASIC-001	3600
21003	7590	03/16/2006		EXAMINER	
BAKER &				LE, DA	ANH C
30 ROCKEFELLER PLAZA NEW YORK, NY 10112				ART UNIT	PAPER NUMBER
				2683	

DATE MAILED: 03/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Examiner		Application No.	Applicant(s)						
DANH C. LE Z683		10/719,377	AWAD ET AL.						
Preiod for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be evaluate under the provision of 37 cR1 13(6), in no event, however, may a reply be timely filed # NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (8) MONTHS from the mailing date of this communication. ## File Provision is the Office in the maximum statutory period will apply and will expire SIX (8) MONTHS from the mailing date of this communication. ## File Provision is provision in the communication (5) filed on 21 Movember 2003. ## Provision in Applications. Set 97 CPR 1-7(4p). ## Status ## Responsive to communication(s) filed on 21 November 2003. ## Provision in FinAL. ## Pro	Office Action Summary	Examiner	Art Unit						
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ½ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extrations of time may be available under the provisions of 37 CFR 1.136(a). In or event, however, may a reply be timely lifed Extration of time may be available under the provisions of 37 CFR 1.136(a). In or event, however, may a reply be timely lifed If NO period for reply is specified above, the maximum attabluty period will apply and will expire for the mailing date of this communication. Fill not period for reply is specified above, the maximum attabluty period will apply and will expire the mailing date of this communication. Fill not be reply within the set or extended period for reply vill, by shallow, cause the application to become ABANDONED (35 U.S.C. § 13.13). Any very recently by the Office the through the mailing date of this communication, even if timely filed, may reduce any replaced the majoration of the period of the period of the period of the communication, even if timely filed, may reduce any replaced to the communication of the period of the communication of the period of the communication of the period of the communication. 1 □ Zero this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Exparte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4 □ Zero this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Exparte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4 □ Zero this application is a considerable to the practice under Exparte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4 □ Zero this application is a considerable to the practice of the priod the practice and the priod the practice of the priod the practice of the priod the practice of the priod the priod the priod the priod the pr		DANH C. LE	2683						
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DETAILED ACTION

Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- Claims 1-32, 41, drawn to reduce echo in a communication system, classified in class 455, subclass 570.
- II. Claims 33-40, 42-28, drawn to filter adapter for generating a set of filter coefficient, classified in class 704, subclass 246.

The inventions are distinct, each from the other because of the following reasons:

Inventions Group I and II are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct if they do not overlap in scope and are not obvious variants, and if it is shown that at least one subcombination is separately usable. In the instant case, subcombination Group II has separate utility such as endpoint detection. See MPEP § 806.05(d).

Because these inventions are independent or distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DANH C. LE whose telephone number is 571-272-7868. The examiner can normally be reached on 8:00AM-5:00PM.

Application/Control Number: 10/719,377 Page 3

Art Unit: 2683

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, WILLIAM TROST can be reached on 571-272-7872. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

March 07 2006

DANH CONG LE

PRIMARY EXAMINER